

EU + UK Feed Protein Balance Sheet

2019/20	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)		% feed use of EU origin (I) / (H)	% of total feed use
	Protein source	Total EU production (A)	EU imports (B)	EU exports (C)	Total EU domestic use (D)	EU total feed use (E)		Feed use EU origin (F)	EU total feed use (H) = (E) * (G)		
CROPS					181.7	162.0		18.32	16.59	91%	22%
CEREALS (of which)	319.6	24.1	54.0	289.7	176.6	157.3		16.96	15.35	91%	21%
Common wheat	147.0	1.9	36.1	112.8	48.8	46.9	11.0%	5.37	5.16		
Barley	63.1	0.6	10.9	52.8	36.7	36.7	10.0%	3.67	3.67		
Durum	7.5	2.3	1.2	8.5	0.4	0.4	12.0%	0.05	0.04		
Maize	70.1	19.1	5.2	83.9	70.0	52.8	8.0%	5.60	4.23		
Rye	8.3	0.0	0.3	8.1	2.5	2.5	11.0%	0.28	0.28		
Sorghum	1.0	0.1	0.0	1.0	0.5	0.4	11.0%	0.05	0.05		
Oats	7.8	0.0	0.2	7.6	5.7	5.7	11.0%	0.63	0.63		
Triticale	11.0	0.0	0.0	11.0	8.7	8.7	11.0%	0.96	0.96		
Others	3.8	0.2	0.0	3.9	3.3	3.2	11.0%	0.36	0.35		
OILSEEDS (feed use without crushing) (columns (E) and (F))	29.9	22.2	0.7	51.4	1.6	1.6		0.46	0.46	100%	1%
Soya beans	2.7	15.0	0.2	17.5	1.2	1.2	33.0%	0.40	0.40		
Rapeseed	17.1	6.2	0.0	23.3	0.2	0.2	18.8%	0.03	0.03		
Sunflowerseed	10.1	1.0	0.5	10.5	0.2	0.2	14.8%	0.03	0.03		
PULSES (of which)	4.2	0.6	0.4	4.4	3.6	3.1		0.90	0.78	87%	1%
Field peas	2.2	0.4	0.1	2.5	1.9	1.7	22.5%	0.43	0.38		
Broad beans	1.7	0.0	0.3	1.5	1.2	1.2	26.0%	0.32	0.32		
Lupins	0.3	0.2	0.0	0.5	0.4	0.3	35.0%	0.16	0.09		
CO-PRODUCTS					84.6	45.4		25.32	9.49	37%	31%
OILSEED MEALS	30.1	23.0	1.4	51.7	51.5	14.3		20.53	4.96	24%	25%
SOYA BEAN MEALS (of which)	11.5	17.6	0.3	28.7	28.5	1.0		13.01	0.43	3%	16%
Soya bean meal (from EU soya bean production)	1.0			1.0	1.0	1.0	43.0%	0.43	0.43		
Soya bean meal (imported soya bean crushing)	10.1		0.3	9.8	9.6	0.0	45.5%	4.38	0.00		
Soya bean meal (traded as such)		17.6		17.6	17.6	0.0	45.5%	8.01	0.00		
Soya bean protein concentrate	0.3			0.3	0.3	0.0	62.5%	0.19	0.00		
RAPESEED MEALS (of which)	12.8	0.4	0.5	12.7	12.7	8.9		4.20	2.94	70%	5%
Rapeseed meal (from EU rapeseed production)	9.4		0.5	8.9	8.9	8.9	33.0%	2.94	2.94		
Rapeseed meal (imported rapeseed crushing)	3.4			3.4	3.4	0.0	33.0%	1.13	0.00		
Rapeseed meal (traded as such)		0.4		0.4	0.4	0.0	33.0%	0.12	0.00		
SUNFLOWER MEALS (of which)	5.2	3.0	0.4	7.8	7.8	4.3		2.79	1.53	55%	3%
Sunflower meal (from EU sunflowerseed production)	4.7		0.4	4.3	4.3	4.3	36.0%	1.53	1.53		
Sunflower meal (imported sunflowerseed crushing)	0.5			0.5	0.5	0.0	36.0%	0.17	0.00		
Sunflower meal (traded as such)		3.0		3.0	3.0	0.0	36.0%	1.10	0.00		
OTHER OILSEED MEALS (of which)	0.6	2.0	0.1	2.5	2.5	0.1		0.53	0.07	12%	1%
Palmkern meal	0.0	1.9	0.1	1.8	1.8	-0.1	16.0%	0.29	-0.01		
Linseed meal	0.4	0.0	0.0	0.5	0.5	0.0	34.0%	0.16	0.00		
Other oilseed meals	0.2	0.1	0.1	0.2	0.2	0.2	37.0%	0.08	0.08		
OTHERS CO-PRODUCTS	34.1	3.8	1.3	36.6	33.1	31.1		4.80	4.52	94%	6%
Starch industry's medium protein products (15-30%)	4.1	0.4	0.6	4.0	4.1	4.1	19.0%	0.78	0.78		
Starch industry's super protein products (60-90%)	1.0	0.0	0.0	1.0	0.7	0.7	73.0%	0.50	0.50		
Distillers' dried grains with solubles	3.4	0.6	0.3	3.7	3.7	3.1	30% wheat 27% maize	1.08	0.92		
Wet distillers' grain	6.9	0.0	0.0	6.9	6.9	6.9	5.4%	0.37	0.37		
Wheat bran	8.3	0.0	0.2	8.1	8.1	8.1	15.5%	1.25	1.25		
Citrus pulp	0.0	0.2	0.0	0.2	0.2	0.0	7.5%	0.02	0.00		
Beet pulp pellets	6.8	1.2	0.1	7.9	7.9	6.7	7.9%	0.63	0.53		
Molasses	3.5	1.3	0.1	4.8	1.5	1.5	10.7% beet 4.2% cane	0.16	0.16		
NON-PLANT SOURCES					8.2	8.0		2.15	2.02	94%	3%
(excluding on-farm use)											
Fish meal	0.4	0.3	0.1	0.6	0.6	0.4	65.0%	0.37	0.28		
Whey powder	2.0	0.1	0.8	1.3	0.6	0.6	12.5%	0.07	0.07		
Skimmed milk powder	1.5	0.0	0.9	0.6	0.1	0.1	34.0%	0.05	0.05		
Processed animal proteins	2.6	0.1	0.8	1.9	1.9	1.8	62.3%	1.18	1.14		
Former foodstuff					5	5	9.5%	0.48	0.48		
ROUGHAGE					1302	1302		37	37	100%	45%
Grass	987			987	987	987	2.5%	25	25		
Silage maize	249			249	249	249	2.9%	7	7		
Fodder legumes	64			64	64	64	7.2%	5	5		
Dried fodder	3.3	0.0	2.0	1.3	1.3	1.3	17.0%	0.2	0.2		
TOTAL								83	65	79%	
Legend											
Low-Pro: Less than 15% protein content								55.36	53.64	97%	
Medium-Pro: 15-30% protein content								4.41	3.89	88%	
High-Pro: 30-50% protein content								20.65	5.51	27%	
Super-Pro: Over 50% protein content								2.24	1.92	86%	